Pre-Measutements(e-MB)

BHRUHAT BANGALORE MAHANAGARA PALIKE

Name of the work : Construction of Dhobhighat in ward No:01 of Yelahanka Sub division

Measurement Recorded On:-

BOQ. No	Description	Unit	No's	Length	Breadth	H/D	Qty	Remarks
18	Supply of non return valve suitable for 50mm dia nominal bore galvanised mild steel tube							
	steel tube							
				1			1.00	
						Total Qty	**1.00**	Nos

Assistant Engineer
08-01-19
BBMP

Assistant Executive Engineer
Yelahanka Sub-Division
BBMP

Pre-Measutements(e-MB)

BHRUHAT BANGALORE MAHANAGARA PALIKE

Name of the work : Construction of Dhobhighat in ward No:01 of Yelahanka Sub division

Measurement Recorded On:-

BOQ. No	Description	Unit	No's	Length	Breadth	H/D	Qty	Remarks
19	Supply of on load charges over switches 4 poles 415V 5hr ac supply 100-125 amps group A							
			1				1.00	
					Total Qty		**1.00**	Nos

Assistant Engineer
08-1-19
BBMP

Assistant Executive Engineer
Yelahanka Sub-Division
BBMP

Pre-Measutements(e-MB)

BHRUHAT BANGALORE MAHANAGARA PALIKE

Name of the work : Construction of Dhobhighat in ward No:01 of Yelahanka Sub division

Measurement Recorded On:-

BOQ. No	Description	Unit	No's	Length	Breadth	H/D	Qty	Remarks
20	Supply and fully automatic star delta unit push button type with siutable wires 3 conectors one adjustable thermal timer mounted on a common base late held in steel enclosure for use on 440/440 volts 3 phase and wired after to the existing wooden board for motor 15 HP							
				1			1.00	
						Total Qty	**1.00**	**No**

Assistant Engineer
08-01-19
BBMP

Assistant Executive Engineer
Yelahanka Sub-Division
BBMP

Pre-Measutements(e-MB)

BHRUHAT BANGALORE MAHANAGARA PALIKE

Name of the work : Construction of Dhobhighat in ward No:01 of Yelahanka Sub division

Measurement Recorded On:-

BOQ. No	Description	Unit	No's	Length	Breadth	H/D	Qty	Remarks
21	Erection of single phase preventor ammeters/including fixing sector switch/current operated earth leakage circuit breakers voltage operated circuit breaker abobe 100A fuse channel set (3 Nos) HRC fuses above 100A (3 Nos) including transportation charges from spot (P.28It.16)							
			1				1.00	
					Total Qty		**1.00**	Nos

Assistant Engineer
08-1-19
BBMP

Assistant Executive Engineer
Yelahanka Sub-Division
BBMP

Pre-Measutements(e-MB)								
	BHRUHAT BANGALORE MAHANAGARA PALIKE							
	Name of the work : Construction of Dhobhighat in ward No:01 of Yelahanka Sub division							
	Measurement Recorded On:-							
BOQ. No	Description	Unit	No's	Length	Breadth	H/D	Qty	Remarks
22	fabricating supplying and mounting 1200x900x350 mm MS box of 18 SWG Suitable for floor/wall mounting fully weather proof with double stanted top as per drawing with provision for better haet dissipation provided with hinged front cover equipped with tamper proof locking arrangements with suitable size clamps with necessary cable entry pipe wqith gland and box should be finished with approved colour enamelled metal paint etc., complete box of 36200sqcm @ Rs0.20 SWG(BWSSB SR P-352 It.41)							
	MS box							
				1				
							1.00	
						Total Qty	**1.00**	**Nos**

Assistant Engineer
08-1-19
BBMP

Assistant Executive Engineer
Yelahanka Sub-Division
BBMP

Pre-Measutements(e-MB)								
	BHRUHAT BANGALORE MAHANAGARA PALIKE							
	Name of the work : Construction of Dhobhighat in ward No:01 of Yelahanka Sub division							
	Measurement Recorded On:-							
BOQ. No	Description	Unit	No's	Length	Breadth	H/D	Qty	Remarks
23	Supplying and fixing miniature circuit breakers/solaters on existing MCB box distribution boards using necessary fixing materials and wiring complete as required 32 to 63 amps triple pole with all lead and lift, loading unloading and labour charges etc., complete as per specification (BWSSB SR P-352 It.15)							
	Circuit breaker							
			1				1.00	
					Total Qty		**1.00**	**Nos**

Assistant Engineer
14-01-19
BBMP

Assistant Executive Engineer
14/1
Yelahanka Sub-Division
BBMP

Pre-Measutements(e-MB)

BHRUHAT BANGALORE MAHANAGARA PALIKE

Name of the work : Construction of Dhobhighat in ward No:01 of Yelahanka Sub division

Measurement Recorded On:-

BOQ. No	Description	Unit	No's	Length	Breadth	H/D	Qty	Remarks
24	Supplying and running og GI copper strips of grounding connections using necessary fixing materials required 600x600x3mm GI Plate (P-378 It.9)							
	GI copper strips							
				1			1.00	
						Total Qty	**1.00**	**Nos**

Assistant Engineer
14-01-19
BBMP

Assistant Executive Engineer
Yelahanka Sub-Division
BBMP

Pre-Measutements(e-MB)

BHRUHAT BANGALORE MAHANAGARA PALIKE

Name of the work : Construction of Dhobhighat in ward No:01 of Yelahanka Sub division

Measurement Recorded On:-

BOQ. No	Description	Unit	No's	Length	Breadth	H/D	Qty	Remarks
25	Supplying and fixing of porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washer etc., complete(P.32,It.3 KPWD Electrical SR 2010-11)							
	Porcelin fuse channel							
			1.00	1			1.00	
						Total Qty	**1.00**	Nos

Assistant Engineer
14-01-19
BBMP

14/1
Assistant Executive Engineer
Yelahanka Sub-Division
BBMP

Pre-Measutements(e-MB)

BHRUHAT BANGALORE MAHANAGARA PALIKE

Name of the work : Construction of Dhobhighat in ward No:01 of Yelahanka Sub division

Measurement Recorded On:-

BOQ. No	Description	Unit	No's	Length	Breadth	H/D	Qty	Remarks
26	fabrication supplying and mounting MS box of 16 SWG Suitable for floor/wall mounting fully weather proof with provision for better heat dissipation provided with hinged front cover equipped with tamper proof locking arrangements with suitable size clamps with necessary cable entry pipe with gland and box should be finished 2 coats of red oxide primer paint and finally finished with approved colour enamelled metal paint etc., complete box of 21600sqcm @ Rs0.33 SWG (P-49 It.6.40.2) (KPWD Electrical Sr 2014-15)							
	MS Box 16 SWG							
			1.00	21600			21600.00	
					Total Qty		**21600.00**	**No**

Assistant Engineer
14-01-19
BBMP

Assistant Executive Engineer
Yelahanka Sub-Division
BBMP

Pre-Measutements(e-MB)

BHRUHAT BANGALORE MAHANAGARA PALIKE

Name of the work : Construction of Dhobhighat in ward No:01 of Yelahanka Sub division

Measurement Recorded On:-

BOQ. No	Description	Unit	No's	Length	Breadth	H/D	Qty	Remarks
27	Supplying and delivery at site brand neew star/essen/suns/adarsh/GK controls best indegenous make combined energy meter-cum-control panel board unit of size 600x450x200 mm minimum mechanically strong vermin proof and water proof.the unit shall have two data cable doors suitable for operation on 3ph.50hz, 380/440 volts, AC supply with spring loaded latch locking devices with key ribs should be provided with doors, canopy apron and louvers ventilators shall be provided the combined energy meter cum control panel board suitable for operation the panel board shall be fabricated on single unit in the above components for suitable pumpsets (PRED Bangalore Circle SE Approved Date 30.07.2010 15HP to 30HP star Delta Starter)							
	Panel board							
			1.00				1.00	
					Total Qty		**1.00**	**Nos**

Assistant Engineer
14-01-19
BBMP

Assistant Executive Engineer
Yelahanka Sub-Division
BBMP

Pre-Measutements(e-MB)

BHRUHAT BANGALORE MAHANAGARA PALIKE

Name of the work : Construction of Dhobhighat in ward No:01 of Yelahanka Sub division

Measurement Recorded On:-

BOQ. No	Description	Unit	No's	Length	Breadth	H/D	Qty	Remarks
28	Supplying of LT UG cable having aluminium conductor PVC insulated, sheathed, galvanised steel wire/steel tape armored cable with PVC outer sheathing 101 KV class 4 crore 16 sqmm(P.W.D Electrical SR)							
	LT UG Cable							
			1.00	1.00	50.00			50.00
							Total Qty	**50.00**	**Rmtr**

Assistant Engineer
15-01-19
BBMP

Assistant Executive Engineer
15/1
Yelahanka Sub-Division
BBMP

Pre-Measutements(e-MB)

BHRUHAT BANGALORE MAHANAGARA PALIKE

Name of the work : Construction of Dhobhighat in ward No:01 of Yelahanka Sub division

Measurement Recorded On:-

BOQ. No	Description	Unit	No's	Length	Breadth	H/D	Qty	Remarks
29	Labour charges for laying of 1.1 KV class UG cable when supplied agency vin existing trench GI pipe3 stonewarre pipe/ on wall/ on pole as required (P.W.D Electrical Sr P-68, 1-11a)							
			1.00	1.00	50.00			50.00
							Total Qty	**50.00** Rmtr

Assistant Engineer
15-01-19
BBMP

15/1
Assistant Executive Engineer
Yelahanka Sub-Division
BBMP

Pre-Measutements(e-MB)

BHRUHAT BANGALORE MAHANAGARA PALIKE

Name of the work : Construction of Dhobhighat in ward No:01 of Yelahanka Sub division

Measurement Recorded On:-

BOQ. No	Description	Unit	No's	Length	Breadth	H/D	Qty	
30	Digging of trench of 0.6 m deep x 0.50 mtrs wide rrefilling the trench to the required ground level and consolidating etc completeP.W.D Electrical Sr P-68, 1-8.12b)							
				50.00			50.00	
		~~Nos~~				**Total Qty**	50.00	**Rmtr**

Assistant Engineer
15-01-19

Assistant Executive Engineer
Yelahanka sub Division
BBMP

	Pre-Measutements(e-MB)							
	BHRUHAT BANGALORE MAHANAGARA PALIKE							
	Name of the work : Construction of Dhobhighat in ward No:01 of Yelahanka Sub division							
	Measurement Recorded On:-							
BOQ. No	Description	Unit	No's	Length	Breadth	H/D	Qty	Remarks
31	Supplying and fixing of a class A (medium) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 Kv class 65mm (P.W.D Electrical Sr 08-09 P-68, 1-8.12b)							
	GI pipe							
				1.00	4.00		4.00	
						Total Qty	**4.00**	Rmtr

Assistant Engineer
15-01-15
BBMP

Assistant Executive Engineer
15/1
Yelahanka Sub-Division
BBMP

Pre-Measutements(e-MB)

BHRUHAT BANGALORE MAHANAGARA PALIKE

Name of the work : Construction of Dhobhighat in ward No:01 of Yelahanka Sub division

Measurement Recorded On:-

BOQ. No	Description	Unit	No's	Length	Breadth	H/D	Qty	Remarks
32	Supplying, fixing, wiring, earth electrode for grounding conduits, IC cutouts & other equipments on the meter broad using 40mm dia 2.9 thick GI pipe 2.5 mtr long burried in a pitg. The pit should be filled withb equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. the connection from the pipe of ther conduit etc., is to bed establishe through GI wire size as over ISI specification 7.3.3 of IS 732 using 12mm dia bolts, nuts, washers and check nut etc, the pipe shall have 16 through holes of 122 mm dia (P.W.D Electrical Sr P-66, 1-7b)							
			1.00				1.00	
						Total Qty	**1.00**	Nos

Assistant Engineer
15-01-19
BBMP

Assistant Executive Engineer
15/1
Yelahanka Sub-Division
BBMP

Pre-Measutements(e-MB)

BHRUHAT BANGALORE MAHANAGARA PALIKE

Name of the work : Construction of Dhobhighat in ward No:01 of Yelahanka Sub division

Measurement Recorded On:-

BOQ. No	Description	Unit	No's	Length	Breadth	H/D	Qty	Remarks
33	Supplying ands fixing LT cast iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, Bolts, nuts & washers etc 4 crore 16 sqmm (P.W.D Electrical Sr 08-09 P-66, 1-16a)							
	Self Weighted Rower. Metal:							
				1			1.00	
						Total Qty	**1.00**	**Nos**

Assistant Engineer
15-01-19
BBMP

Assistant Executive Engineer
Yelahanka Sub-Division
BBMP

Pre-Measutements(e-MB)

BHRUHAT BANGALORE MAHANAGARA PALIKE

Name of the work : Construction of Dhobhighat in ward No:01 of Yelahanka Sub division

Measurement Recorded On:-

BOQ No	Description	Unit	No's	Length	Breadth	H/D	Qty	Remarks
34	KSRB 2-2.1 : Earth work excavation for foundation of buildings, culverts water supply, sanitary line and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5m, in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m, after breaking of clods complete as per specifications. specification, No. KBS 2.1(a) / 2.3.5, No. 5/ Item No. 2.3)							
	Earth work for pipe							
				1	30.00	0.60	0.90	16.20
				1	30.00	0.60	0.90	16.20
				1	30.00	0.60	0.90	16.20
				1	30.00	0.60	0.90	16.20
				1	30.00	0.60	0.90	16.20
				1	30.00	0.60	0.90	16.20
				1	30.00	0.60	0.90	16.20
				1	10.00	0.60	0.90	5.40
						Total Qty		**118.80** cum

Assistant Engineer
18-01-19
BBMP

Assistant Executive Engineer
Yelahanka Sub-Division
BBMP

Pre-Measutements(e-MB)

BHRUHAT BANGALORE MAHANAGARA PALIKE

Name of the work : Construction of Dhobhighat in ward No:01 of Yelahanka Sub division

Measurement Recorded On:-

BOQ No	Description	Unit	No's	Length	Breadth	H/D	Qty	Remarks
35	Providing and fixing to wall, ceiling and floor, medium density polyethylene pipes 6.00 kgs/sq.cm working pressure 63 mm outside diameter with special flange, compression type fittings, wall clips , making good the wall, ceiling and floor including cost all material, labour charges, HOM of equipments and testing complete as per specifications.(P.N .93 I.N 13.70.3)							
	Pipes							
				1	30.00			30.00
				1	30.00			30.00
				1	30.00			30.00
				1	30.00			30.00
				1	30.00			30.00
				1	30.00			30.00
				1	30.00			30.00
				1	10.00			10.00
							Total Qty	**220.00**	**Rmtr**

Assistant Engineer
21-01-19
BBMP

Assistant Executive Engineer
Yelahanka Sub-Division
BBMP

Pre-Measutements(e-MB)

BHRUHAT BANGALORE MAHANAGARA PALIKE

Name of the work : Construction of Dhobhighat in ward No:01 of Yelahanka Sub division

Measurement Recorded On:-

BOQ No	Description	Unit	No's	Length	Breadth	H/D	Qty	Remarks
36	Refilling available earth around pipelines, cables in layers not exceeding 20cms in depth compacting each deposited layers by ramming after watering lead upto 50m and lift upto 1.5m including cost of labour complete as per specification (P. No.6 I.No.2.11)							
	Refilling							
	qty as per item 34			1			118.80	
						Total Qty	118.80 cum	

Assistant Engineer
23-01-19
BBMP

Assistant Executive Engineer
Yelahanka Sub-Division
BBMP

Pre-Measutements(e-MB)

BHRUHAT BANGALORE MAHANAGARA PALIKE

Name of the work : Construction of Dhobhighat in ward No:01 of Yelahanka Sub division

Measurement Recorded On:-

BOQ. No	Description	Unit	No's	Length	Breadth	H/D	Qty	Remarks
37	KSRB 13-6.3.1: Providing and fixing in position brass gate valve with C.I. wheel of approved quality (screwed end) 50 mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No. KBS 13.2.6 / 13.3 (Page No.91/Item No.13.37)							
	brass gate valve							
				1			1.00	
					Total Qty		**1.00**	**Each**

Assistant Engineer
23-01-19
BBMP

23/1
Assistant Executive Engineer
Yelahanka Sub-Division
BBMP

Pre-Measutements(e-MB)

BHRUHAT BANGALORE MAHANAGARA PALIKE

Name of the work : Construction of Dhobhighat in ward No:01 of Yelahanka Sub division

Measurement Recorded On:-

BOQ. No	Description	Unit	No's	Length	Breadth	H/D	Qty	Remarks
38	Providing and fixing on position brass bib cock of approved quality 25mm dia nomial bore including cost of all materials labour and HOM of equipments with all leads complete as per specifications.(P.N.91 I.N 13.25)							
	Brass bib cock							
				5			5.00	
						Total Qty	**5.00**	**Each**

Assistant Engineer
28-01-19.
BBMP

23/1
Assistant Executive Engineer
Yelahanka Sub-Division
BBMP